



"DUKE" | Shallow Draft Anchor Handling Tug / Utility Vessel

Classification / Flag:

Flag / homeport	U.K. Jersey
Year of built	2019
Classification	Bureau Veritas I ✘ HULL ✘ MACH Tug <i>Unrestr. Navigation AUT UMS</i>
Class valid up to	2029
Call sign	MTAX6
IMO number	9849734
MMSI number	232064647

Dimensions:

Length O.A.	27,33 meters
Beam / width	10,50 meters
Depth at sides	4,00 meters
Draft (min. – max.)	2,80 – 2,95 meters
Air draft (min. – max.)	11,30 – 16,60 meters
Gross & Net tonnage	192,78 GT/NT
Clear deck area	62 m ²
Cargo cap.	2x 1 TEU
Cargo deck load	15 tons per m ²

Tank capacities / Transfer:

Fuel oil / gasoil	120.000 liters
Fresh water	30.000 liters
Transfer of gasoil	30 m ³ /hr
Transfer of fresh water	30 m ³ /hr

Accommodation:

Facilities	Airconditioned, 6 berths
------------	--------------------------

Navigation & Radio:

Radar, Echo sounder, 2x ECDIS, GSM, AIS, Navtex, Autopilot, SSB/DSC, 2x Compass, SART, Speed log, 4x VHF, GMDSS area A3, GPS, 2x Searchlight 2000W.

Communication: Starlink, V-SAT, GSM, 2x Inmarsat-C

Machinery / Performances:

Bollard pull	45,2 tons
Max speed	12,0 knots
Main engines	2x Caterpillar 3512C B-rating
Total output	2.610 kW = 3.500 BHP
Propulsion	Twin fixed propellers in nozzles
Diameter propellers	2,25 meters
Bow thruster	200 BHP, electrical driven
Generator sets	2x Caterpillar C-4.4 TA, 50Hz
Generator power	2x 107kVA, 86ekW, 230/400V
Generator deck equipment	1x Caterpillar C9.3 TA, 60Hz
Generator power	312kVA, 250ekW, 230/440V, for Bowthruster & E-hydraulic syst.

Deck Equipment:

Winch	DMT Waterfall Winch
Towing drum	Pull Force 60T, Holding F. 135T 800 meters x 44 millimeters
Anchor handling drum	Pull Force 100T, Holding F. 135T 650 meters x 44 millimeters
Tuggerwinch	Dromec HPV12000, 12 tons(m)
Towing pins	Double pin, SWL 50 ton
Chain stopper	Yes, SWL 75 ton
Push bow	Double rubber fender suitable for bow landing operations
Hydraulic coupling winches	2x 60 tons for pushing mode
Stern roller	4 mtr x 1,00 mtr, SWL 50t
Moonpool	Integrated in push bow
Main marine deck crane	HS Marine AKC 185/18,5 HE4
Maximum lift capacity	5,53 tons(m) at 18,50 meters

	kg	31500	16470	11860	8740	6780	5530
	m	4.00	7.65	9.92	12.62	15.53	18.50
Crane winch							SWL 5,0 tons with 50 mtr wire

Optional:

A-Frame, 30 tons SWL

"DUKE" | General Arrangement

